TO : METs
FR : SOO

SUBJ : - 6-month Training Plan Attached -

The training goals \ expectations over the next six months are self-evident by the nature of the training tasks assigned. Major elements include : **1)** conversion to WWA (and proficiency) for issuance of long-fuse watch\warning products **2)** completion of remaining 'follow-on' IFPS Training **3)** Every individual going through first 1:1 WES\DRT Simulation of Southeast US Severe Weather Case with SOO **4)** completion of Open RPG Training (proficiency).

Our NWP Weather Prediction Seminar Series will resume in November with guest speakers addressing the topics of non-hydrostatic models (UAH and USA) and Tropical Numerical Weather Prediction (FSU). The SOO will put on a 1-2 hour seminar on Model Ensemble Forecasting. Attendance at these seminars is not mandatory. Those who attend, please list in the Elective Section of the current plan.

Please sign this copy on last page, make a copy for yourself, and return this copy to SOO.

Thanks !

Jeffrey Medlin
SOO WFO Mobile, AL

FY 2001 -WFO Mobile Meteorologist 6-month Training Plan

This training plan is valid over the first half of FY 2002. There are two parts to this plan : 1) required and 2) extra. The required items are due by March 31, 2002. Please be attentive to the deadlines in Sections 1, 4 and 5 below. Elective items completed will be used as a basis for personal recognition (including possible cash award incentives) at the end of each rating year. Please list extra items in the latter portion of the 'Elective Section.'

Professional Development List (initial \ date beside each item number below when completed)

Part I. Required (01 Oct 2001 - 31 Mar 2002) :

1.25 h **1) WWA Training** (complete by 30 November) - This includes reading a WWA Overview Chapter (10 pages, **15 min**) on-line at

http://isl715.nws.noaa.gov/tdl/icwf/user_guide/over/wwa_over.htm

and a 1 hour one:one training session with Dan Darbe (WWA FP) or Gary Beeler (WCM). The one:one session will include :

1) Basic Familiarization with major ***WWA Components*** **(20 min)**

2) ***The SPS*** **-** Generating dummy SVR\TOR Watches for WWA dissemination and the Hazardous Weather Outlook **(10 min)**

3) ***The FFA*****-** Generating the Flash Flood Watch **(10 min)**.

4) ***The WSW*** **-** Generating Winter Storm Watch, Winter Storm Warning, Heavy Snow Warning, Ice Storm Warning, Snow Advisory, Freezing Rain Advisory Sleet Advisory **(10 min)**.

5) ***The NPW*** - Generate Dense Fog Advisory, Freeze Warning, and High Wind Warning (non tropical) **(10 min)**.

4 h - **2) VISIT Teletraining -** You must attend two sessions by 31 March 2002. The following sessions are mere suggestions\recommendations (as it is felt that these will help you the most at the moment) :

1) Top Ten Misconceptions about NWP Models
2) *GOES* Sounder Products
3) Forecasting Mesoscale Convective Systems
4) Winter Weather Forecasting - An Ingredients-Based Methodology *(will substitute reading the WAF article for attending the VISIT Session*)

*** Note * - does not include OPRPG Teletraining Session**

List your two completed sessions here :

1) _____

2)_____

4 h - **3) IFPS Exercises -** Complete remaining four one-hour IFPS Exercises (list completion dates by IFPS Drill# below).

1) **drill#3 -** _____

2) **drill#4 -** _____

3) **drill #5 -** _____

4) **drill #6 -** _____

6 h - **4) OPRPG Training (** complete by 31 December **) -** Mandated Training from NWSHQ. This constitutes your new 'UCP Proficiency' but in the modern Era. This would include :

* Reading Pre-Cursor WDTB OPRPG Workbook (**1 h**)

* Complete WDTB OPRPG CD-ROM (**3.5 h**)

* Attend Mandatory WDTB Teletraining Session 3rd week of January (**1.5 h**, still unscheduled)

17 h - 5) WES\DRT Simulation (complete by 01 March**) -** This will entail going through a one:one warning event simulation with the SOO. The case is in the southeast US. You will be given 2 hours to get a model briefing, and then 3-4 hours of being the radar operator in a warning situation. Breaks, discussion and an event summary (including your verification) are provided.

Simulation Pre-Readings (10 h)

Doswell, C.A. III and L.F. Bosart (2001); Extratropical synoptic-scale processes and severe convection. Meteor. Monogr. [in press]. (Posted: 23 May 2000)
http://www.nssl.noaa.gov/~doswell/Monograph/Synoptics.html

Doswell, C.A. III; Severe Storms
http://www.nssl.noaa.gov/~doswell/barcelona/severes.html

Burgess D.W. and L.R. Lemon; Severe Thunderstorm Detection by Radar
handout coming from SOO

Doswell, C.A. III; What is a tornado? http://www.nssl.noaa.gov/~doswell/a_tornado/atornado.html

Burgess, NSSL; Tornado Warning Guidance
http://www.wdtb.noaa.gov/resources/PAPERS/twg99/index.htm

WES\DRT Event Simulation - *"A Southeast Case"* (6 h)

Event Summary - (1 h)

32.25 h = **TOTAL Required Training Time**

Part II. Electives (evaluated through entire FY 2002)

Fully accredited college level courses	# credit hours **X** 15
Community college or other short courses	# hours in class / 2
COMET module	10 hours
COMET residence courses	# days training **X** 8
NWSTC remote/correspondence modules	5 - 10 hours
NWSTC residence courses	# days training **X** 8
Teletraining courses	# hours in class
Seminar/Conference attendance	# hours in attendance
Readings:	
Refereed journal article	3 hours
Postprints/preprints/tech attachments	1 hour
Technical memorandum	2 hours
Written article review	1 hour
Written publication for:	
A refereed journal	30 hours
A postprint/preprint and presentations	20 hours
A technical memorandum	15 hours
A technical attachment	5 - 10 hours*
A local case study	5 - 10 hours*
Directed self-study	5 - 10 hours*

* Number of hours depends on complexity and comprehensiveness.

In this Section, please list all electives completed. Recall, elective items **are not** required. Depending upon the exact amount and the nature of elective hours completed, some form of personal recognition (including possible cash award incentives) is possible at the end of each rating year. The latter providing that all required elements have been completed.

Electives Completed :

_____

_____

_____

_____

_____

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_____

_____

MIC Signature\Date _____

SOO Signature\Date _____

Employee Signature\Date _____